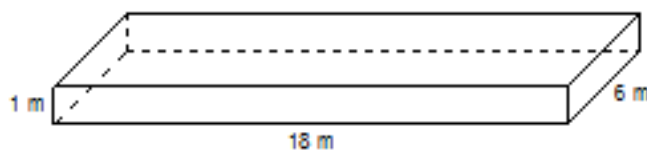
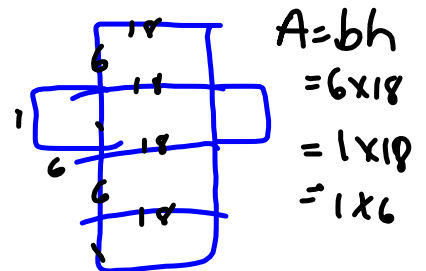


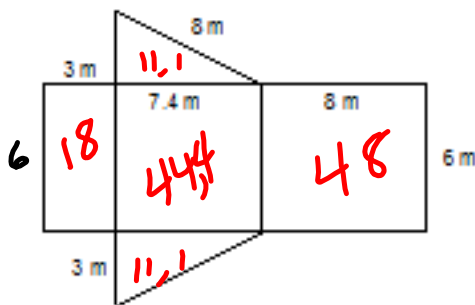
1. Trouve l'aire de surface totale



- a. 156 m^2 b. 48 m^2 c. 264 m^2 d. 132 m^2



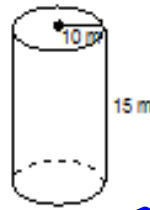
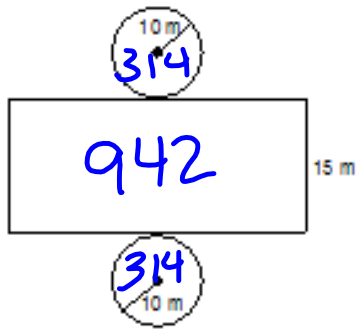
2. Calcule l'aire de la surface de ce développement.



$$A_{\Delta} = \frac{bh}{2} = \frac{7,4(3)}{2} = 11,1$$

- a. 88.2 m^2 b. 132.6 m^2 c. 56 m^2 d. 66.6 m^2

3. Utilise le développement pour trouver la surface totale du cylindre.



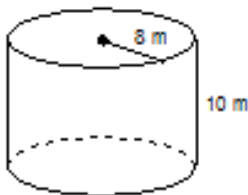
$$C = 2\pi r = 2(3,14)(10) = 62,8\text{ m}$$

$$A = 62,8 \times 15\text{ m} = 942\text{ m}^2$$

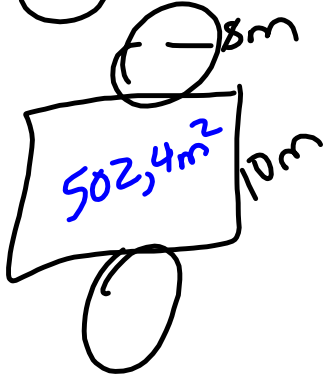
$$A_{\text{total}} = 942 + 314 + 314 = 1570$$

- a. 785 m^2 b. 1257 m^2 c. 1100 m^2 d. 1571 m^2

5. Trouve l'aire de la surface totale.



- a. 905 m^2 b. 704 m^2 c. 653 m^2 d. 452 m^2



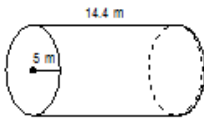
$$C = 2\pi r = 2(3,14)(8\text{ m}) = 50,24\text{ m}$$

$$A_{\square} = bh = 50,24\text{ m}(10\text{ m}) = 502,4\text{ m}^2$$

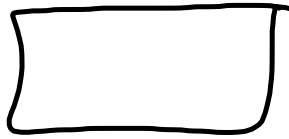
$$A_0 = \pi r^2 = 3,14(8)(8) = 201\text{ m}^2$$

$$\begin{array}{r} 201 \\ + 201 \\ 502,4 \\ \hline 904,4 \end{array}$$

6. Trouve l'aire de l'étiquette. (le rectangle)



- a. 452 m²
- b. 305 m²
- c. 226 m²
- d. 157 m²



$$C = 2\pi r$$

$$= 2(3,14)(5m)$$

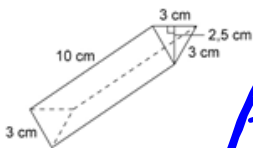
$$= 31,4m$$

$$A_{\square} = bh$$

$$= 31,4m(14,4)$$

$$\boxed{ii} = 452,16m^2$$

7. Détermine l'aire de la surface du prisme à base triangulaire. Montre ton travail.



$$A = \frac{bh}{2}$$

$$= \frac{3(2,5)}{2}$$

$$= 3,75$$

$$A_{\square} = bh$$

$$= 3(10) \quad 3,75$$

$$= 30 \quad 3,75$$

$$3 \times 30 = 90$$

$$\frac{90}{1} = 90$$

$$\boxed{97,5}$$